

**MONTANA STATE AVIATION SYSTEM PLAN
1995 UPDATE
FIELD INSPECTION FORM**

AIRPORT:	SIDNEY-RICHLAND MUNICIPAL (SDY)	AIRPORT REFERENCE CODE:	B-I (SM)
CITY:	SIDNEY	APPROACH TYPE:	VISUAL
CONTACT:	LARRY DORE	DATE INVENTORIED:	1-17-96
PHONE #:	482-2415	INSPECTED BY:	RSD

	REQUIRED	ACTUAL	ALP	CONFORM
RUNWAY 10/28 INVENTORY				
DISTANCE TO:				
HOLD LINES FROM CENTERLINE:	125'	180' - 200'		✓
PARALLEL TAXIWAY FROM CENTERLINE:	150'	N/A		N/A
AIRCRAFT PARKING FROM CENTERLINE:	125'	300'+		✓
RUNWAY WIDTH:	60'	100'		✓
RUNWAY LENGTH:	4,360 (1)		4,022'	95%
RUNWAY SAFETY AREA (RSA) WIDTH:	120'	OK		✓
RUNWAY OBJECT FREE AREA (OFA) WIDTH:	250'	OK		✓
PRIMARY / TRANSITION SURFACE PENETRATIONS:	250' W & 7:1	(2)		NO
LONGITUDINAL GRADE - SITE DIST. PROBLEMS:		OK		✓
OBSTACLE FREE ZONE ANALYSIS:	250' W x 200' BEYOND			✓
PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):	1.5" - 3"	FLUSH - 1"		NO
PAVEMENT MARKING TYPE:	BASIC	BASIC		✓
PAVEMENT MARKING CONDITION:		FAIR		N/A
RUNWAY 10 END INVENTORY				
SAFETY AREA (RSA) BEYOND RUNWAY END:	240'	OK		✓
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	240'	OK		✓
APPROACH OBSTRUCTIONS:	20:1	NONE (3)		✓
RUNWAY END ELEVATION:			1,979.0	N/A
RUNWAY 28 END INVENTORY				
SAFETY AREA (RSA) BEYOND RUNWAY END:	240'	OK		✓
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	240'	OK		✓
APPROACH OBSTRUCTIONS:	20:1	(4)		NO
RUNWAY END ELEVATION:			1,964.6	N/A
RUNWAY LIGHTING INVENTORY				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	200'	OK		✓
TYPE:	MIRL - BASE MOUNTED - ADB ALNACO			N/A
CONDITION:		GOOD		N/A
COLOR:	WHITE	WHITE		✓
THRESHOLD 10				
DISTANCE FROM PAVEMENT EDGE:	10'	8'		NO
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	10'		✓
COLOR:	RED/GREEN	RED/GREEN		✓
THRESHOLD 28				
	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	10'		✓
COLOR:	RED/GREEN	RED/GREEN		✓

COMMENTS:

(1) RW LENGTH OF 3,130' FOR 75%, 3,750 FOR 95% AND 4,360 FOR 100% COVERAGE; ALP ULT OF 4,360' SHOWN ON ALP
(80% OF PRIMARY RUNWAY LENGTH IS 4,560' - DOES NOT CONFORM)

(2) TREES PENETRATE TRANSITIONAL SURFACE (18% - 20%)

(3) TREE NORTH OF CL AT 6.5% MAY PENETRATE APPROACH SLOPE BUT PROBABLY OUTSIDE TRAPEZOID

(4) POLE SOUTH OF CL ON LEVEE AT 6% (PVC - WITH RED/WHITE STRIPES) PENETRATES APPROACH SLOPE

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AIRPORT:	SIDNEY-RICHLAND MUNICIPAL (SDY)	AIRPORT REFERENCE CODE:	B-II (LG)
CITY:	SIDNEY	APPROACH TYPE:	NPI
CONTACT:	LARRY DORE	DATE INVENTORIED:	1-17-96
PHONE #:	482-2415	INSPECTED BY:	RSD

	REQUIRED	ACTUAL	ALP	CONFORM
RUNWAY 1/19 INVENTORY				
DISTANCE TO:				
HOLD LINES FROM CENTERLINE:	200'	250'		✓
PARALLEL TAXIWAY FROM CENTERLINE:	240'	400'		✓
AIRCRAFT PARKING FROM CENTERLINE:	250'	N/A		N/A
RUNWAY WIDTH:	75'	100'		✓
RUNWAY LENGTH:	8,640 (1)		5,705'	75%
RUNWAY SAFETY AREA (RSA) WIDTH:	150'	OK		✓
RUNWAY OBJECT FREE AREA (OFA) WIDTH:	500'	OK		✓
PRIMARY / TRANSITION SURFACE PENETRATIONS:	500' W & 7:1	(2) - (4)		NO
LONGITUDINAL GRADE - SITE DIST. PROBLEMS:		OK		✓
OBSTACLE FREE ZONE ANALYSIS:	400' WIDE x 200' BEYOND			✓
PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):	1.5" - 3"	FLUSH - 1"		OK
PAVEMENT MARKING TYPE:	NPI	NPI		✓
PAVEMENT MARKING CONDITION:		FAIR		N/A
RUNWAY 1 END INVENTORY				
SAFETY AREA (RSA) BEYOND RUNWAY END:	300'	OK		✓
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	300'	OK		✓
APPROACH OBSTRUCTIONS:	34:1	(5)		OK
RUNWAY END ELEVATION:			1,981.1	N/A
RUNWAY 19 END INVENTORY				
SAFETY AREA (RSA) BEYOND RUNWAY END:	300'	OK		✓
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	300'	OK		✓
APPROACH OBSTRUCTIONS:	34:1	(6)		NO
RUNWAY END ELEVATION:			1,978.5	N/A
RUNWAY LIGHTING INVENTORY				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	200'	OK		✓
TYPE:	MIRL - BASE MOUNTED CROUSE-HINDS			N/A
CONDITION:		GOOD		N/A
COLOR:	WHITE	WHITE/YELLOW		✓
THRESHOLD 1				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	7'		NO
COLOR:	RED/GREEN	RED/GREEN		✓
THRESHOLD 19				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	7'		NO
COLOR:	RED/GREEN	RED/GREEN		✓

COMMENTS: (1) RW LENGTH OF 5,500' FOR 75% @ 60% LOAD, 7,000' FOR 75% @ 90% LOAD, 5,830' FOR 100% @ 60% LOAD, AND 8,640' FOR 100% COVERAGE @ 90% MAXIMUM LOAD; FOR SMALL AIRCRAFT - RW LENGTH OF 3,130' FOR 75%, 3,750' FOR 95%, AND 4,360' FOR 100% COVERAGE, ALP ULTIMATE SHOWN AS 5,705'

(2) TREES EAST AND WEST OF RW END PENETRATE TRANSITIONAL SURFACE (~20%-38%); HARD TO BE EXACT WITH SLOPE

(3) TERRAIN IN PRIMARY SURFACE, FENCE IN TRANSITIONAL SURFACE

(4) HOUSE AND UTILITY POLE PENETRATE TRANSITIONAL SURFACE

(5) SUBSTATION POWER POLES CLOSE TO PENETRATING APPROACH SLOPE (3%); PROBABLY OUTSIDE APPROACH LINES

(6) TREE LINE PENETRATES APPROACH SLOPE (5%)

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PHONE #:	482-2415	INSPECTED BY:	RSD

	REQUIRED	ACTUAL	ALP	CONFORM
TAXIWAY INVENTORY				
TAXIWAY WIDTH:	35'	40' - 50'		✓
TAXIWAY SAFETY AREA WIDTH:	79'	OK		✓
TAXIWAY OBJECT FREE AREA WIDTH:	131'	OK		✓
DIST. FROM CENTERLINE TO FIXED OR MOVEABLE OBJ.	65.5'	OK		✓
PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):	1.5" - 3"	FLUSH - 1.5"		(1)
PAVEMENT MARKING TYPE:		YELLOW		✓
PAVEMENT MARKING CONDITION:		GOOD		N/A
TAXIWAY LIGHTING INVENTORY				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	200'	OK		✓
TYPE:	MIRL - STAKE MOUNTED CROUSE-HINDS			N/A
CONDITION:		GOOD (2)		N/A
COLOR:	BLUE	BLUE		✓

MISCELLANEOUS

TYPE OF BEACON:	MOUNTED ON HANGAR SOUTH OF APRON
SIZE OF BEACON:	12"
OTHER LIGHTING AIDS (VASI,PAPI,REIL):	1 & 28 ENDS: SEPCO VASI, GOOD COND, 50' OFF PVMT EDGE (OLD) 19 & 28 ENDS: ADB-ALNACO REILS, GOOD COND, 19 END BAFFLED
WINDCONE (CONDITION & COMPLIANCE):	SOUTH OF APRON, LIGHTED, 25' HIGH IN GOOD COND
SEGMENTED CIRCLE (CONDITION & COMPLIANCE):	WOOD PANEL SEG. CIRCLE IN GOOD COND
WINDCONE (CONDITION & COMPLIANCE):	EAST OF RW 1 ~600', GOOD COND
SEGMENTED CIRCLE (CONDITION & COMPLIANCE):	METAL PANEL SEG. CIRCLE IN GOOD COND
FENCING:	EXCELLENT - CHAIN LINK
SIGNS: (TYPE, CONDITION, PLACEMENT)	TWENTY SIX ADB ALNACO DIRECTIONAL SIGNS, ALL 15' OF PVMT, AND IN GOOD CONDITION

COMMENTS:

(1) TAXIWAY A & B PAVEMENT EDGES ARE FLUSH, THE OTHERS ARE ACCEPTABLE

(2) ONE MISSING LIGHT ON TAXIWAY A